

A GUIDE TO GASKETING PRINCIPLES AND BEST PRACTICES

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ABSTRACT

Leakage from static joints has been found to be a major contributor of emissions in many plants. With the collaboration from the world's leading gasket manufacturers, the Gasket Division of the Fluid Sealing Association has created a training presentation that will assist all personnel dealing with modern gasketing applications and issues. What may appear to be a simple and easy to install component actually requires knowledge and understanding of its working principles and characteristics. This tutorial will start with basic gasketing concepts and then proceed into details regarding installation & assembly. It will also address equipment and fastener considerations, material selection and common uses. Finally, field failure analysis techniques will be explained so that errors in selection or installation procedures can be corrected.

REFERENCES

FSA/ESA Gasket Installation Procedures - Assuring Joint Integrity and Maximum Safety

ACKNOWLEDGEMENTS

The material presented in this tutorial has been prepared by members of the Fluid Sealing Association (FSA) and is available from the organization. The FSA is an international trade association representing member companies involved in the production of sealing devices. Educational material relating to gaskets as well as other types of sealing devices can be obtained by contacting the FSA directly.